

DERWENT- 1980-24589C

ACC-NO:

DERWENT- 198235

WEEK:

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TITLE: Slow release material for perfume, insecticide medicines
etc. contains a water-soluble pectic acid alkali metal
salt extracted from citrous fruit endodermis

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PATENT-ASSIGNEE: SEISAN KAIHATSU KAGAKU KENKYUS[SEIS]

PRIORITY-DATA: 1978JP-098444 (August 11, 1978)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
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JP 55025456 A	February 23, 1980	JA
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JP 82037186 B	August 7, 1982	JA
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
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JP 55025456A	N/A	1978JP-098444	August 11, 1978
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INT-CL-

CURRENT:

TYPE	IPC	DATE
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CIPP	<u>C09</u> <u>K</u> <u>3/00</u>	20060101
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CIPS	<u>A01</u> <u>N</u> <u>25/04</u>	20060101
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CIPS	<u>A01</u> <u>N</u> <u>25/08</u>	20060101
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CIPS	<u>A01</u> <u>N</u> <u>25/18</u>	20060101
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CIPS	<u>A61</u> <u>K</u> <u>38/21</u>	20060101
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CIPS	<u>A61</u> <u>K</u> <u>45/00</u>	20060101
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CIPS	<u>A61</u> <u>K</u> <u>47/38</u>	20060101
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CIPS	<u>A61</u> <u>L</u> <u>9/01</u>	20060101
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CIPS	<u>C05</u> <u>G</u> <u>3/00</u>	20060101
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CIPS	<u>C11</u> <u>B</u> <u>9/00</u>	20060101
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ABSTRACTED-PUB-NO: JP 55025456 A

BASIC-ABSTRACT:

Slow release base material for volatile or sublimable substances, e.g., liq. perfumes, solid perfumes, ECP agent, EDB agent, insecticides, rust inhibitors, fungicides, plant growth regulators, herbicides, etc. is described which contains a water-soluble pectic acid alkali metal salt, obtd. by treating endodermis of citrous fruits with an acid at pH 1-3, and then treating it with an alkali at pH 10.5-12.5.

The slow release base material, which is used usually in the form of a 1-20 wt.% water-soluble pectic acid alkali metal salt aq. soln. and when being used, is mixed with active substances such as perfumes, insecticides, medicines, fertilisers, fungicides, herbicides, etc. together with glycerine, polyethylene glycol, a surfactant, etc. as a controller, is capable of releasing these active components controllably for a long length of time while preventing the deterioration of these active components.

TITLE- SLOW RELEASE MATERIAL PERFUME INSECT MEDICINE CONTAIN WATER
TERMS: SOLUBLE PECTIC ACID ALKALI METAL SALT EXTRACT CITRUS FRUIT

DERWENT-CLASS: B04 B07 C03 D21 P34

CPI-CODES: B04-C02; B12-A02; B12-M01; B12-M10; B12-N02; B12-N09; B12-P01; B12-P05; C04-C02; C12-A02; C12-M01; C12-M10; C12-N02; C12-N09; C12-P01; C12-P05; D08-B; D10-A05;

CHEMICAL- Chemical Indexing M1 *01* Fragmentation Code H521 J111
CODES: M423 M630 M781 R003 R010 R051 R052 V731 V732 V733 V734 V735

Chemical Indexing M1 *02* Fragmentation Code H521 J111
M423 M630 M781 R010 R051 R052 V731 V732 V733 V734 V735

Chemical Indexing M6 *03* Fragmentation Code R011 R012
R013 R052 R111 R308